



## DECLARATION FOR PATENT APPLICATION AND APPOINTMENT OF ATTORNEY

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name; I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention (Design, if applicable) entitled:

METHOD AND APPARATUS FOR MONITORING OPTICAL SIGNAL-TO-NOISE RATIO (OSNR) USING
POLARIZATION-NULLING METHOD

the specification of which (check one):

□Xis attached hereto, or □ was filed on:

as U.S. Application Number or PCT International Application

Number:

and (if applicable) was amended on:

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in *Title 37*, Code of Federal Regulations, §1.56. I hereby claim foreign priority benefits under Title 35, United States Code §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)			PRIORITY CLAIMED	
Number	Country	Day/Month/Year Filed	Yes	N
10-2000-30869	KOREA	05/06/2000	Х	

☐ Additional Priority Application(s) Listed on Following Page(s)

I HEREBY CLAIM THE BENEFIT UNDER TITLE 35 U.S. CODE §11	I HEREBY CLAIM THE BENEFIT UNDER TITLE 35 U.S. CODE §119(E) OF ANY U.S. PROVISIONAL APPLICATIONS LISTED BELOW	
Application Number	Day/Month/Year Filed	

☐ Additional Provisional Application(s) Listed on Following Page(s)

I hereby claim the benefit under *Title 35*, *United States Code*, §120 of any United States application(s) or PCT international application(s) designating The United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of *Title 35*, *United States Code*, §112, I acknowledge the duty to disclose information which is material to patentability as defined in *Title 37*, *Code of Federal Regulations*, §1.56 which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

Application Number	Filing Date	Status - Patented, Pending or Abandoned

☐ Additional US/PCT Priority Application(s) listed on Following Page(s)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: I (We) hereby appoint as my (our) attorneys, with full powers of substitution and revocation, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: J. Ernest Kenney, Reg. No. 19,179; Eugene Mar, Reg. No. 25,893; Richard E. Fichter, Reg. No. 26,382; Thomas J. Moore, Reg. No. 28,974; Joseph DeBenedictis, Reg. No. 28,502; Benjamin E. Urcia, Reg. No. 33,805; and

I(we) authorize my(our) attorneys to accept and follow instructions from regarding any matter related to the preparation, examination, grant and maintenance of this application, any continuation, continuation-in-part or divisional based thereon, and any patent resulting therefrom, until I(we) or my(our) assigns withdraw this authorization in writing.

Send correspondence to:

BACON & THOMAS, PLLC 625 Slaters Lane - 4th Floor Alexandria, VA 22314-1176 Telephone Calls to: (703) 683-0500

FULL NAME OF FIRST OR SOLE INVENTOR CHUNG, YUN CHUR	CITIZENSHIP KOREA
RESIDENCE ADDRESS  101-410, HANVIT APT.,99, UH EUN-DONG, YUSONG-KU, TAEJON, 305-333, ROK	POST OFFICE ADDRESS IS THE SAME AS RESIDENCE ADDRESS UNLESS OTHERWISE SHOWN BELOW
DATE JANUARY 18, 2001	SIGNATURE CHUNG

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Prior F	OREIGN APPLICATION(S) (35	USC §119)		PRIORIT	Y CLAIMED
Numb r	Country	Day/M nth/Year Filed		Yes N	
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Prior l	J.S. OR PCT INTERNATIONAL	APPLICATIONS (3	5 U.S. CODE §120)	r	
Application Number	Filing Da	ite	Status - Patented, Pe	ending or A	bandoned
FULL NAME OF JOINT INVENTOR KTM. CI	טווד שאו	CITIZENSHIP K	OREA		
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FULL NAME OF JOINT INVENTOR  JUNG,	DAE KWANG	CITIZENSHIP K	OREA		
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FULL NAME OF JOINT INVENTOR	UN HANG	CITIZENSHIP KO	REA		
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KYUNGKI-DO, 482-830, ROK					
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FULL NAME OF JOINT INVENTOR		CITIZENSHIP			
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TEGISTIC POPILIO		SHOWN BELOW			
DATE		SIGNATURE			



NonProft Organization

## VERIFIED STATEMENT (DECLARATION) BY A NONPROFIT ORGANIZATION CLAIMING SMALL ENTITY STATUS UNDER 37 CFR 1.9(f) AND 1.27(d)

Name of Organization:    University or other institution of higher education.     Tax exempt under Internal Revenue Service code (26 USC 501(a) and 501(c)(3)).     Nonprofit scientific or educational under statute of state of the United States of America. Name of State: Statute:     Would qualify as tax exempt under Internal Revenue Service code (26 USC 501(a) and 5 States of America.     Would qualify as nonprofit scientific or educational under statute of state of the United States of America.     Would qualify as nonprofit scientific or educational under statute of state of the United States of America.     Name of State: State     States of America.     Name of State:     States of America.     The specification filed herewith, with the title as listed above.     The specification filed herewith, with the title as listed above.     The patent application identified above.     The patent number identified above identified above identified invention.     If the rights held by the above identified nonprofit organization concern are not exclusive, each ind aving rights to the invention must file separate verified statements averring to their status as small twention are held by any person, other than the inventor, who could not qualify as a small business could not qualify as a small business could not part of the states as small business could not qualify as a small	DISE RATIO (OSNR) US  tified below:  O1(c)(3)) if located in the United  ates of America if located in the tute:  as defined in 37 CFR 1.9(e) fo
Serial or Patent Number:  Filed or Issued:  Title: METHOD AND APPARATUS FOR MONITORING OPTICAL SIGNAL—TO—NO POLARIZATION—NULLING METHOD hereby declare that I am an official empowered to act on behalf of the nonprofit organization ider same of Organization:  Midress:  Nonprofit scientific or educational under statute of state of the United States of America.  Name of State:  Would qualify as tax exempt under Internal Revenue Service code (26 USC 501(a) and 501(c)(3)).  Nonprofit scientific or educational under statute of state of the United States of America.  Name of State:  Would qualify as nonprofit scientific or educational under statute of state of the United States of America.  Name of States of America.  Name of State:  The patent application identified above qualifies as a nonprofit organization unposes of paying reduced fees under section 41(a) or (b) of Tute 35, United States Code with respective that the nonprofit organization identified above.  The patent application identified above.  The patent application identified above.  The patent number identified above.  Each such person, other than the inventor, who could not qualify as a small business conprofit organization under 37 CFR 1.9(e). Each person, concern or organization having any rig  No such person, concern or organization as listed below:  Full Name:  Full Name:	DISE RATIO (OSNR) US  tified below:  O1(c)(3)) if located in the United  ates of America if located in the tute:  as defined in 37 CFR 1.9(e) fo
Title: METHOD AND APPARATUS FOR MONITORING OPTICAL SIGNAL—TO—NO POLARIZATION—NULLING METHOD hereby declare that I am an official empowered to act on behalf of the nonprofit organization idea ame of Organization: ddress:	ol(c)(3)) if located in the United ates of America if located in the oute:
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	entities and that no rights to the inventor under 37 CFR 1.9(c) incern under 37 CFR 1.9(d) or a
ADORESS:	
ADORESS:	☐ Individual ☐ Small Business Concern
	☐ NonProfit Organization
	_1
FULL NAME:	☐ Individual
ADORESS:	
	Small Business Concern NonProfit Organization
☐ See attached sheet for additional person(s) concern(s) or organiza acknowledge the duty to file, in this application or patent, notification of any change in status res	☐ Small Business Concern☐ NonProfit Organization

Name and Title in Organization
KOREA ADVANCED
INSTITUTE OF SCIENCE AND TECHNOLOGY

Address
373-1, KUSONG-DONG, YUSONG-KU, TAEJON,
305-701, REPUBLIC OF KOREA

Date

JANUARY 18, 2001

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine, or imprisonment, or both, under section 1001 of Tule 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which the verified statement